



PATENT  
Attorney Docket No. 053665-5005-02  
Application Serial No. 09/412,539

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Louis S. KUCERA *et al.*

Serial No.: 09/412,539

Filed: October 4, 1999

For: LIPID ANALOGS FOR TREATING  
VIRAL INFECTIONS

Group Art Unit: 1624

Examiner: B. COLEMAN

Commissioner of Patents and Trademarks  
Washington, D.C. 20231

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TECH CENTER 1600/2900

Sir:

AMENDMENT AND  
RESPONSE UNDER 37 C.F.R. 1.116

In response to the Final Office Action mailed on April 18, 2003 Applicants respectfully request reconsideration of the subject application in view of the following amendments and remarks. A petition for a two-month extension-of-time, together with the required fee, is being simultaneously submitted herewith.

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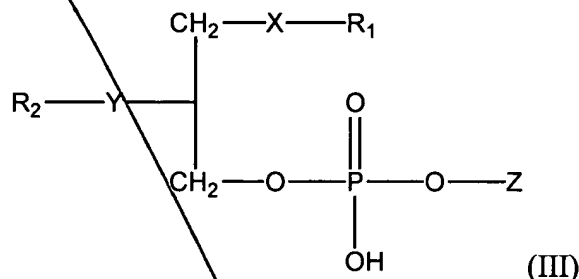
### AMENDMENTS

This listing will replace all prior versions of listing of claims in the application.

#### Listing of Claims:

Claims 1-55 (Canceled).

g/ Claim 56 (Currently Amended). A method of combating a viral infection in a subject in need of such treatment, wherein the viral infection comprises a virus selected from the group consisting of HIV-1, HBV, herpes virus, influenza, respiratory syncytial virus, mumps, measles, and parainfluenza virus, the method comprising administering to said subject an effective infection-combating amount of a compound of Formula III



wherein: ~~R<sub>1</sub> is C<sub>11</sub>H<sub>23</sub> a branched or unbranched, saturated or unsaturated C<sub>6</sub> to C<sub>18</sub> alkyl group optionally substituted from 1 to 5 times with OH, COOH, oxo, amine, or substituted or unsubstituted aromatic;~~  
~~X is selected from the group consisting of NHCO, CH<sub>3</sub>NCO, CONH, CONCH<sub>3</sub>, S, SO, SO<sub>2</sub>, O, NH, and NCH<sub>3</sub>;~~  
~~R<sub>2</sub> is C<sub>10</sub>H<sub>21</sub> a branched or unbranched, saturated or unsaturated C<sub>6</sub> to C<sub>14</sub> alkyl group optionally substituted from 1 to 5 times with OH, COOH, oxo, amine, or substituted or unsubstituted aromatic;~~  
~~Y is selected from the group consisting of NHCO, CH<sub>3</sub>NCO, CONH, CONCH<sub>3</sub>, S, SO, SO<sub>2</sub>, O, NH, and NCH<sub>3</sub>; and~~  
~~Z is a moiety of the Formula V,~~